



PATENT ABSTRACTS OF JAPAN

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(21) Application number: **05027726**(22) Date of filing: **17.02.1993**(71) Applicant: **MITSUBISHI RAYON ENG CO LTD**(72) Inventor: **AYA HIDENORI
OBA OSAMU
OKADA TATSUJI
KITAURA HIDEKI**(54) **MEMBRANE SEPARATION-TYPE WATER
PURIFICATION**

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(57) Abstract:

PURPOSE: To provide water purifying method suitable for a simplifier water purifying system.

CONSTITUTION: A membrane separation-type water purifying method comprises the steps of introducing water to be treated into a water taking-in inlet 3 positioned at the middle of a precipitation tank 2; filtering the water to be treated through a hollow yarn membrane module 4 based on the head difference and introducing the treated water into a treated water tank 8, wherein the module 4 is put in an upper position than the water taking-in inlet, hollow yarn membrane of the module 4 is put in a flat plane, and the treated water tank 8 communicates with the precipitation tank 2 and is installed in the lower position than the precipitation tank 2; and taking sludge accumulated in the bottom of the precipitation tank 2 out of a sludge taking-out outlet 5 formed in the bottom of the precipitation tank 2.

